

FORM PTO-1449 (Modified)

NOV 17 2005

ATTY. DOCKET NO.
TH-2467 (US)APPLICATION NUMBER
10/816,480LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)

APPLICANT

W. E. EVANS ET AL

FILING DATE
4/1/04GROUP ART UNIT
1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
R	AA	2,219,575	6/39	McNamee et al	260	348	
R	AB	5,380,697	1/95	Matusz et al	502	348	
R	AC	4,874,879	10/89	Lauritzen et al	549	536	
R	AD	2002/0010094	1/2002	Lockemeyer	502	439	
R	AE	4,389,338	6/83	Mitsuhata et al	252	463	
R	AF	4,845,296	7/89	Ahmed et al	564	477	
R	AG	4,822,900	4/89	Hayden	549	534	
R	AH	4,761,394	8/88	Lauritzen	502	348	
R	AI	5,100,859	3/92	Gerdes et al	502	439	
R	AJ	6,368,998	4/02	Lockemeyer	502	347	
R	AK	5,102,848	4/92	Soo et al	502	218	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	Translation No
R	AL	96/04989 A1	2/98	WO	B01J	23/50		C
R	AM	00/15332	3/00	WO	B01J	23/04		C
R	AN	00/15333	3/00	WO	B01J	23/50		C

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

R	AR	Kirk-Othmer's Encyclopedia Of Chem. Tech., 3rd Ed., Vol. 9 (1980), pgs. 445-447.
R	AS	Kirk-Othmer's Encyclopedia Of Chem. Tech., 2nd Ed., Vol. 4 (1964), page 566.
R	AT	Brunauer, Emmet & Teller, J. of Amer. Chem. Soc., Vol. 60 (1938); pgs. 309-316.

EXAMINER

Raymond Conroy

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)			ATTY. DOCKET NO. TH-2467 (US)	APPLICATION NUMBER 10/816,480	
LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)			APPLICANT W. E. EVANS ET AL		
			FILING DATE 4/1/04	GROUP ART UNIT 1625	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	5,646,087	7/97	Rizkalla et al	502	347	
	BB	5,739,075	4/98	Matusz	502	302	
	BC	5,504,052	4/96	Rizkalla et al	502	347	
	BD	5,444,034	8/95	Rizkalla	502	347	
	BE	5,770,746	6/98	Cocker et al	549	534	
	BF	6,087,299	7/00	Grub et al	502	347	
	BG	6,372,925	4/02	Evans et al	549	536	
	BH	5,155,242	10/92	Shankar et al	549	534	
	BI	4,766,105	8/88	Lauritzen	502	216	
	BJ	5,801,259	9/98	Kowaleski			
	BK	5,395,812	3/95	Nagase et al	502	238	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	BL	00/15334	3/00	WO	B01J	23/50		✓
	BM	00/15335	3/00	WO	B01J	23/50		✓
	BN	933,130 A2	8/99	EP (Abstract)	B01J	23/66		✓

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE, XP002296657, J. Am. Chem. Soc., Vol. 56 (1934); pgs. 1870-1872.
	BS	International Search Report, dated January 18, 2005, for PCT/US2004/010457 (TH2467 PCT).
	BT	International Preliminary Examination Report, dated August 18, 2005, for PCT/US2004/010457 (TH2467 PCT).

EXAMINER

Raymond Coniglio

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)			ATTY. DOCKET NO. TH-2467 (US)	APPLICATION NUMBER 10/816,480
LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)			APPLICANT W. E. EVANS ET AL	
			FILING DATE 4/1/04	GROUP ART UNIT 1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
A	CA	4,007,135	2/77	Hayden et al	252	467	
B	CB	5,854,167	12/98	Rizkalla et al	502	216	
B	CC	6,762,311	7/04	Rizkalla et al	549	534	
B	CD	5,780,656	7/98	Rizkalla et al	549	534	
B	CE	5,736,483	4/98	Rizkalla	502	347	
B	CF	5,407,888	4/95	Herzog et al	502	317	
B	CG	6,656,874	12/03	Lockemeyer	502	347	
B	CH	6,579,825	6/03	Lockemeyer	502	347	
B	CI	6,511,938	1/03	Liu et al	502	347	
B	CJ	6,750,173	6/04	Rizkalla et al	502	348	
B	CK	5,801,259	9/98	Kowaleski	549	536	

FOREIGN PATENT DOCUMENTS						
		Document No.	Date	Country	Class	Subclass
B	CL	266,015 A1	5/88	EP	B01J	23/68
B	CM	1,489,335	10/77	GB	B01J	23/66
B	CN	2004/002972 A2	1/2004	WO	C07D	301/10

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
B	CR	International Search Report, dated June 11, 2004, for PCT/US03/19827 (TH1808 PCT).
B	CS	International Search Report, dated February 20, 2004, for PCT/US03/20095 (TH2202 PCT).
B	CT	International Search Report, dated October 30, 2003, for PCT/US2003/019828 (TH2305 PCT).

EXAMINER *Raymond Connelly* DATE CONSIDERED *6/6/06*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. TH-2467 (US)	APPLICATION NUMBER 10/816,480
LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)		APPLICANT W. E. EVANS ET AL	
		FILING DATE 4/1/04	GROUP ART UNIT 1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No
✓	DL	716,884 A2	6/96	EP	B01J	23/66	
✓	DM	003642 A2	8/79	EP	C07D	301/10	
✓	DN	95/05896	3/95	WO	B01J	23/66	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

✓	DR	Letter to European Patent Office dated July 11, 2000, relating to European Patent Application No. 95203469.2-2104, Publication No. 716884.
✓	DS	U.S. Patent and Trademark Office Action for Appl. Serial No. 10/606,440 (TH1808) dated February 25, 2005.
✓	DT	U.S. Patent and Trademark Office Action for Appl. Serial No. 10/606,440 (TH1808) dated August 18, 2005.

EXAMINER

Raymond Conroy

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH-2467 (US)APPLICATION NUMBER
10/816,480LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)APPLICANT
W. E. EVANS ET ALFILING DATE
4/1/04

GROUP ART UNIT

1625

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
X	EL	352,849 A1	1/90	EP	C07D	301/10		
X	EM	1,170,663	11/69	GB	B01J	11/20		
X	EN	326,392 A1	8/89	EP	C07D	301/10		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

X	ER	International Preliminary Examination Report, dated October 27, 2004, for PCT/US2003/19827 (TH1808 PCT).
X	ES	International Preliminary Examination Report, dated October 5, 2004, for PCT/US2003/20095 (TH2202 PCT).
X	ET	International Preliminary Examination Report, dated October 29, 2004, for PCT/US2003/19828 (TH2305 PCT).

EXAMINER

Raymond Compton

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH-2467 (US)APPLICATION NUMBER
10/816,480LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)APPLICANT
W. E. EVANS ET ALFILING DATE
4/1/04

GROUP ART UNIT

1625

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
FA						
FB						
FC						
FD						
FE						
FF						
FG						
FH						
FI						
FJ						
FK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
X	FL 352,850	1/90	EP	C07D	301/10	
X	FM WO 01/96324	12/01	WO	C07D	301/00	
X	FN 567,273 A1	10/93	EP	C07D	301/10	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

1	FR	Written Opinion, dated July 16, 2004, for PCT/US03/19827 (TH1808 PCT).
1	FS	Written Opinion, dated March 16, 2004, for PCT/US03/20095 (TH2202 PCT).
1	FT	Written Opinion, dated May 6, 2005, for PCT/US03/19828 (TH2305 PCT).

EXAMINER

Raymond Conroy

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH-2467 (US)APPLICATION NUMBER
10/816,480LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)APPLICANT
W. E. EVANS ET ALFILING DATE
4/1/04

GROUP ART UNIT

1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	Translation No
X	GL	1,191,983	5/70	GB	C07D	1/14		
X	GM	1,002,575 A2	5/00	EP	B01J	23/04		C
	GN							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	GR	
	GS	
	GT	

EXAMINER

Raymond Constanza

DATE CONSIDERED

6/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.